

## ABSTRACT

Fabrication device of organic light emitting diode (OLED) includes a Substrate, a transparent conductive layer, an insulating film layer, an organic light-emitting layer, and a conductive layer; when a suitable potential is applied thereto, an organic light-emitting layer emits a visible light, however, it usually occurs breakdown between cathode and anode or bad signal, therefore, the present invention provides a positive insulating film photoresist with an easily inclining obtuse angle, smooth surface, and easily controlled fabrication condition to cover the edge of a transparent electrode (anode) in order to avoid that when the edge of ITO transparent electrode is sharp it causes an organic light-emitting layer film breakdown and results from signal lost or weaken to increase the yields.

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